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FIG. 1

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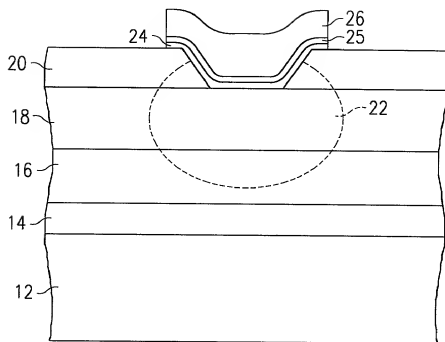


FIG. 2

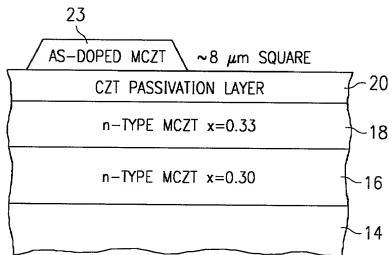
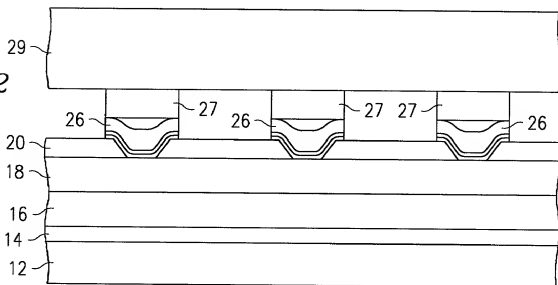


FIG. 5

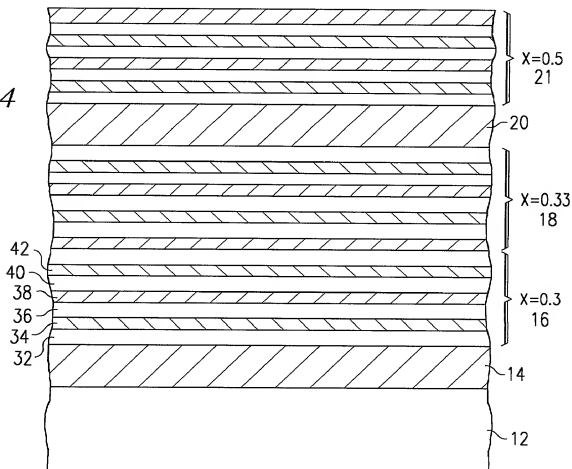
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FIG. 3

$\text{Hg}_{0.50}(\text{Cd}_{0.944}\text{Zn}_{0.056})_{0.50}\text{Te}$ (0.5 μm) AS-DOPED, $(1-2)10^{18} \text{ cm}^{-3}$ AS-SOURCE LAYER	21
$\text{Cd}_{0.944}\text{Zn}_{0.056}\text{Te}$ PASSIVATION (0.5 μm)	20
$\text{Hg}_{0.67}(\text{Cd}_{0.944}\text{Zn}_{0.056})_{0.33}\text{Te}$ (1 μm) n-TYPE, I-DOPED, $(1-2) 10^{15} \text{ cm}^{-3}$	18
$\text{Hg}_{0.70}(\text{Cd}_{0.944}\text{Zn}_{0.056})_{0.30}\text{Te}$ (8-9 μm) n-TYPE, I-DOPED, $(1-2) 10^{15} \text{ cm}^{-3}$ ABSORBER LAYER	16
$\text{Cd}_{0.944}\text{Zn}_{0.056}\text{Te}$ BUFFER (5 μm)	14
BULK CdZnTe (211)B SUBSTRATE	12

FIG. 4



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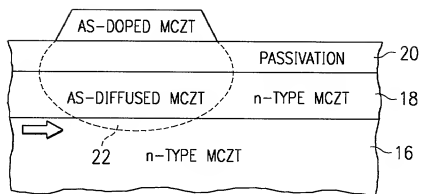


FIG. 6

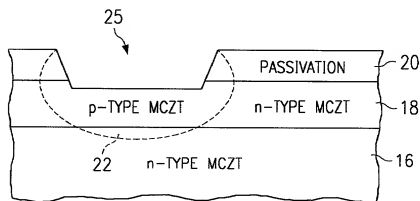


FIG. 7

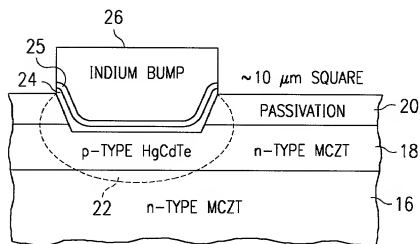


FIG. 8

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